

#### ABSTRACT

For example, the present invention is applied to an optical disk drive for driving an optical disk used for recording files. The optical disk is also used for recording an index file including a series of entries each used for storing extracted information and size of a recorded file. Management information of files closely related to each other can also be stored collectively in a single entry. In addition, an entry associated with the title of the optical disk can be used for storing video data serving as extracted information. Moreover, the index file may include a shadow file entry including information pointing to an entry associated with a relevant file. Furthermore, information unique to an application can also be cataloged in an index file for each application.